

Success Stories of Projects Implemented under NADP for the years 2019-20

1. Krishnagiri APCMS – Cold Storage Godown:

Vegetables, tamarind and fruits are produced in large quantity in and around Krishnagiri District, but there were no storage facilities with the Cooperatives. In order to avoid wastage of perishable commodities a cold storage godown of 1,000 MTs under NADP has been installed in Krishnagiri APCMS.



S495 Krishnagiri Taluck APCMS
Cold Storage Godown



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Cold Storage Godown



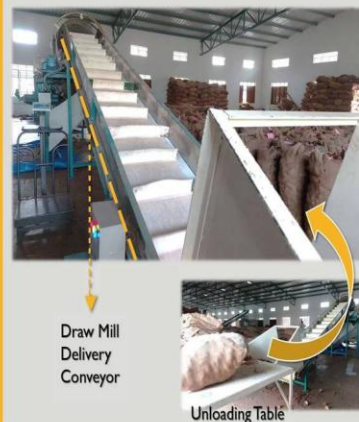
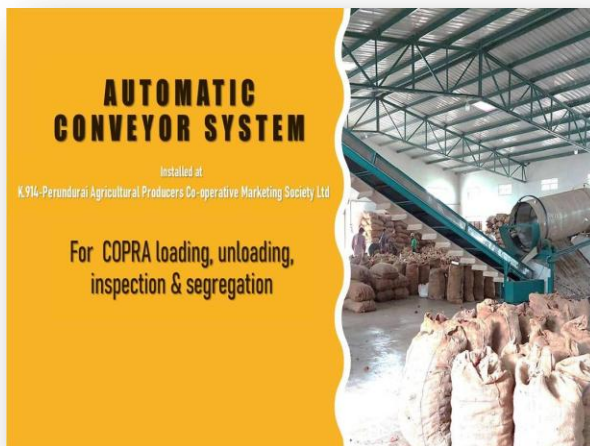
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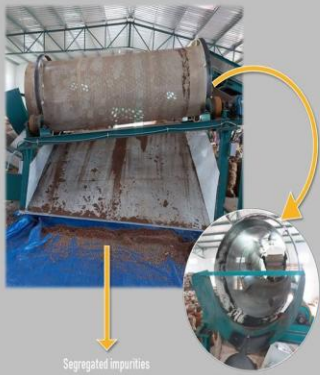
2. Perunthurai APCMS – Auction Yard with automatic conveyor system:

- ❖ Coconut is widely cultivated in and around Perunthurai. In order to purchase the coconut from the farmers and to sell them after value addition by converting them in to copras, an auction yard with automatic conveyer system was established in Perunthurai APCMS at a cost of Rs.249 Lakh and the same was put into use from 02.08.2021.
- ❖ The godown is being utilized by the members of the society. 1,09,800 bags of Copra weighing 5490 MTs has been auctioned as on date. Sorting and grading of Copra are being carried out using this Automatic conveyor system. This system compensates the man power need by 50% such as unloading of copra bags, removing dusts, fibers, sand and other foreign materials, sorting, grading etc., The Bags brought in by the farmers are unloaded by the conveyor system which saves time and money. Quality Bags are delivered to traders promptly without any damage. Coconut Copra Bags are being handled by the automatic conveyer machine and the auction is done with minimum load man power, in turn the society is earning Rs.3 lakh per month.



DRAW MILL DELIVERY CONVEYOR

- Draw Mill delivery conveyor carries the Copra to the draw mill.
- The Copra from the drying yard are unpacked in to the unloading table
- From there on this conveyor carries the Copra to Draw Mill for segregating the impurities



Segregated impurities

DRAW MILL

- Draw Mill has the perforated surface, slanting angled and horizontally rotating drum.
- Raw Copra from the farmers containing impurities like dusts, fibres are segregated here



Hopper Delivery Conveyor

HOPPER DELIVERY CONVEYOR

- Hopper delivery conveyor carries the dust free Copra from the draw mill
- This conveyor system will serve between Draw Mill and Hopper
- The Copra on this conveyor reach the Hopper before bagging.



Weighing Display



Weighing System

HOPPER

- Hopper has a square funnel shaped container built-in with a motor controlled impeller at the bottom
- Dust free Copra from the Draw Mill through hopper deliver conveyor is contained here before packaging
- Hopper is equipped with in-built electronic weighing system



Bagging Line Conveyor System

BAGGING LINE CONVEYOR

- Bagging Line Conveyor is placed at the funnel bottom of Hopper
- Bagging Line Conveyor works in sync with the impeller system of the Hopper for seamless and controlled delivery of Copra for bagging
- The bagged dust-free Copra from here is ready for auction.

3. Krishnagiri APCMS – Auction Yard and Drying Yard:

- ❖ Auction Yard: Large scale of agricultural produce of farmers such as cotton, turmeric, paddy are marketed through the society. In order to benefit the farmers, a new auction yard of 5000 Sq.ft. capacity has been constructed in the premises of the society and large number of members/farmers have been benefitted.
- ❖ Drying Yard: A new drying yard of 4000 Sq.ft. capacity has been constructed in order to help the farmers to dry their agricultural produces in turn, fetch better price for their produce.

